



4701 W. Russell Road 2nd Floor
Las Vegas, NV 89118-2231
Phone: (702) 455-5942 Fax: (702) 383-9994
Marci Henson, Director

For DAQ Use Only

AQR 102: GASOLINE DISPENSING FACILITIES (GDF) ANNUAL EMISSIONS INVENTORY REPORTING FORM

IMPORTANT: DO NOT INCLUDE DIESEL FUEL USAGE

Source ID (Permit) Number: _____ **Reporting Year:** _____
Company Name: _____
Source (Facility) Name: _____
Source (Facility) Address: _____
City, State, and Zip: _____
Mailing Address: _____
(If different than facility address) _____

Gasoline in gallons

1. Annual throughput for all grades of gasoline products, including E85 and racing fuel:

2. Method of Measurement:

3. Type of Vapor Recovery System(s) Installed:
(None, Phase I, Phase I Enhanced Vapor Recovery (EVR),
Phase I & II,
Phase I EVR, + Phase II,
Phase I + Phase II w/Permeator,
Phase I EVR + Phase II w/Permeator)

4. Actual volatile organic compound (VOC) emissions: _____ tons/year

5. Actual hazardous air pollutant (HAP) emissions: _____ tons/year

I certify that, based on information and belief formed after reasonable inquiry, the information contained in this document is true, accurate and complete.

Signature

Date

Responsible Official Print Name and Title: _____

Office Phone #: _____ Cellphone #: _____

Email Address: _____

Please complete this form to the best of your knowledge electronically. Submit the completed report with the Responsible Official's original (wet) signature to the Division of Air Quality by mail or in person at the address listed above.

Directions for completing the form:

1. In line one, tabulate and insert the amount of gasoline product dispensed at the GDF in the reporting calendar year. Included all grades of gasoline, E85, racing fuel; but, do not include diesel fuel dispensed.
2. In line two, select the method on how the fuel volumes for all gasoline products were obtained.
3. In line three, select the type of control system used at the GDF.
4. Line four will automatically calculate your VOC emissions based on your answer in lines 1 and 3.
5. Line five will automatically calculate your HAP emissions based on your answer in lines 1 and 3.

The following values are the emission factors used to calculate VOC and HAP emissions:

- VOC emissions with no emissions control: 0.0000065 tons/gallon
- VOC emissions with Phase 1 control: 0.0000030 tons/gallon
- VOC emissions with Phase 1 EVR control: 0.00000295 tons/gallon
- VOC emissions with Phase 1 + Phase II control: 0.0000021 tons/gallon
- VOC emissions with Phase 1 EVR + Phase II control: 0.0000020 tons/gallon
- VOC emissions with Phase 1 + Phase II with permeator control: 0.0000016 tons/gallon
- VOC emissions with Phase 1 EVR + Phase II with permeator control: 0.0000015 tons/gallon
- HAP emissions are approximately 5.2% of VOC emissions

Example Calculations:

Actual gasoline throughput (dispensed) in the reporting year = 1,000,000 gallons/year

Example 1

VOC Emissions if the facility only has Phase I control = 1,000,000 gallons/year x 0.0000030 tons/gallon = 3.00 tons/year

HAP Emissions = 3.00 x 0.052 (HAP percentage) = 0.16 tons/year

Example 2

VOC Emissions if the facility has both Phase I and Phase II control = 1,000,000 gallons/year x 0.0000021 tons/gallon = 2.10 tons/year

HAP Emissions = 2.10 tons/year x 0.052 (HAP percentage) = 0.11 tons/year

For more information on this regulation refer to [Section 102](#) and/or the [Fact Sheet](#).

Also, if you have any questions or need clarification on completing this form, please contact the Air Quality Small Business Assistance Program at (702) 455-1660 or by email at AQSBAP@ClarkCountyNV.gov.